

IAP13 Rec'd PCT/PTO 20 NOV 2006

PCT

PTO/SB/21 (09-04)

Approved for use through 07/31/2006 OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

7

Application Number

10/573,933

Filing Date

30 March 2006

First Named Inventor

RILEY, Patricia

Art Unit

1616

Examiner Name

Unknown

Attorney Docket Number

61284-0006

**ENCLOSURES (Check all that apply)**

Fee Transmittal Form



Fee Attached



Amendment/Reply



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Certified Copy of Priority Document(s)

Reply to Missing Parts/  
Incomplete ApplicationReply to Missing Parts  
under 37 CFR 1.52 or 1.53

Drawing(s)



Licensing-related Papers



Petition

Petition to Convert to a  
Provisional ApplicationPower of Attorney, Revocation  
Change of Correspondence Address

Terminal Disclaimer



Request for Refund



CD, Number of CD(s) \_\_\_\_\_

☐ Landscape Table on CD

Remarks



After Allowance Communication to TC

Appeal Communication to Board  
of Appeals and InterferencesAppeal Communication to TC  
(Appeal Notice, Brief, Reply Brief)

Proprietary Information



Status Letter

Other Enclosure(s) (please identify  
below):

Return postcard

Copy of Notification of Missing Requirements  
Under 35 U.S.C. 371 in the United States  
Designated/Elected Office (DO/EO/US)**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name

Buckingham, Doolittle &amp; Burroughs, LLP

Signature

Printed name

Louis F. Wagner

Date

16 November 2006

Reg No

35,730

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450 on the date shown below:

Signature

Typed or printed name

Louis F. Wagner

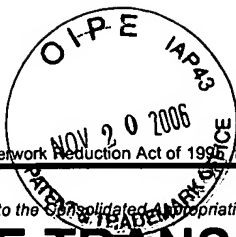
Date

16 November 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

AK3-#855731



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

**FEE TRANSMITTAL**  
**For FY 2006**☒ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 65.00**Complete if Known**

|                      |                                |
|----------------------|--------------------------------|
| Application Number   | 10/573,933                     |
| Filing Date          | Int'l Filing Date: 03 Oct 2003 |
| First Named Inventor | RILEY, Patricia                |
| Examiner Name        | Unknown                        |
| Art Unit             | 1616                           |
| Attorney Docket No.  | 61284-0006                     |

**METHOD OF PAYMENT** (check all that apply)☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_☐ Deposit Account Deposit Account Number: 50-0983 Deposit Account Name: Buckingham, Doolittle & Burroughs

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below☐ Charge fee(s) indicated below, **except for the filing fee**☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17☐ Credit any overpayments**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION** (All the fees below are due upon filing or may be subject to a surcharge.)**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| Application Type | FILING FEES |                       | SEARCH FEES |                       | EXAMINATION FEES |                       | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
|                  | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)         | Small Entity Fee (\$) |                |
| Utility          | 300         | 150                   | 500         | 250                   | 200              | 100                   |                |
| Design           | 200         | 100                   | 100         | 50                    | 130              | 65                    |                |
| Plant            | 200         | 100                   | 300         | 150                   | 160              | 80                    |                |
| Reissue          | 300         | 150                   | 500         | 250                   | 600              | 300                   |                |
| Provisional      | 200         | 100                   | 0           | 0                     | 0                | 0                     |                |

**2. EXCESS CLAIM FEES****Fee Description**

|  | Fee (\$) | Small Entity Fee (\$) |
|--|----------|-----------------------|
| Each claim over 20 (including Reissues)            | 50       | 25                    |
| Each independent claim over 3 (including Reissues) | 200      | 100                   |
| Multiple dependent claims                          | 360      | 180                   |

**Total Claims**      **Extra Claims**      **Fee (\$)**      **Fee Paid (\$)**

- 20 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of total claims paid for, if greater than 20.

**Indep. Claims**      **Extra Claims**      **Fee (\$)**      **Fee Paid (\$)**

- 3 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

|                     |                     |   |                 |                      |
|---------------------|---------------------|---|-----------------|----------------------|
| <b>Total Sheets</b> | <b>Extra Sheets</b> | <b>Number of each additional 50 or fraction thereof</b> | <b>Fee (\$)</b> | <b>Fee Paid (\$)</b> |
| - 100 = _____       | / 50 = _____        | (round up to a whole number) x _____                    | = _____         |                      |

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Notice to File Missing Parts - \$65

**Fees Paid (\$)**

\$65.00

**SUBMITTED BY**

|                   |                        |                                   |        |           |                   |
|-------------------|------------------------|-----------------------------------|--------|-----------|-------------------|
| Signature         | <i>Louis F. Wagner</i> | Registration No. (Attorney/Agent) | 35,730 | Telephone | 330.258.6453      |
| Name (Print/Type) | Louis F. Wagner        |                                   |        | Date      | November 16, 2006 |

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



# Certificate of Mailing / Transmission (37 C.F.R. §1.8(a))

I hereby certify that, on the date shown below, this correspondence is being:

## MAILING



Deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to MAIL STOP MISSING PARTS, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

In the event a fee is required for the filing of the attached document(s) or in implementing the addition of new claims or any claim amendments, and the required fee is not submitted or the fee submitted is incorrect, the Commissioner is hereby authorized to charge any additional fees to effect the filing of this document(s) or credit any overpayment under 37 CFR 1.16 and 1.17 to Account No. 50-0983.

## ELECTRONIC



Transmitted electronically to the Patent & Trademark Office

Louis F. Wagner  
(type or print name of person certifying)

11/16/2006

November 16, 2006  
Date

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: RILEY, Patricia

U.S. Application No.: 10/573,933

Int'l. Application No.: PCT/US2003/31392

Filed: 30 March 2006

Group Art Unit: 1616

For: LOTUS AND METHYL DONORS

MAIL STOP MISSING PARTS  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

### **Response to Notification of Missing Requirements Under 35 U.S.C 371 In the United States Designated/Elected Office (DO/EO/US)**

This paper responds to the Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US) mailed October 3, 2006.

Enclosed are the following documents:

- Transmittal Form;
- Fee Transmittal for FY 2006;
- Copy of Notice to File Missing Parts;
- Combined Declaration and Power of Attorney for Patent Application signed by the inventor;
- Fee by check for \$65.00 for Late Oath or Declaration surcharge; and
- Return postcard.

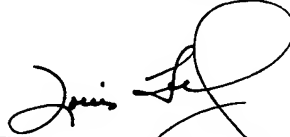
11/27/2006 MKAYPAGH 00000012 10573933

01 FC:2617

65.00 DP

It is believed that the fee enclosed is correct for the submission made herein. However, the Commissioner is hereby authorized to credit any overpayment or charge any additional fee required to effect the filing of this document to Account No. 50-0983.

Respectfully Submitted,  
Buckingham, Doolittle & Burroughs, LLP



---

Louis F. Wagner  
Registration No.: 35,730

Buckingham, Doolittle & Burroughs, LLP  
3800 Embassy Parkway, Suite 300  
Akron, Ohio 44333  
(330) 258-6453 (tel)  
(330) 252-5452 (fax)

Attorney Docket #: 61284-0006

«AK3:854894\_v1»



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

|                               |                       |                  |
|-------------------------------|-----------------------|------------------|
| U.S. APPLICATION NUMBER NO.   | FIRST NAMED APPLICANT | ATTY. DOCKET NO. |
| 10/573,933                    | Patricia A. Riley     | 612840006        |
| INTERNATIONAL APPLICATION NO. |                       |                  |
| PCT/US03/31392                |                       |                  |
| I.A. FILING DATE              |                       | PRIORITY DATE    |
| 10/03/2003                    |                       |                  |

24115  
BUCKINGHAM, DOOLITTLE & BURROUGHS, LLP  
50 S. MAIN STREET  
AKRON, OH 44308

CONFIRMATION NO. 5408

371 FORMALITIES LETTER



\*OC000000020670299\*

Date Mailed: 10/03/2006

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 03/30/2006
- Copy of the International Search Report filed on 03/30/2006
- Information Disclosure Statements filed on 07/18/2006
- Small Entity Statement filed on 03/30/2006
- U.S. Basic National Fees filed on 03/30/2006
- Specification filed on 03/30/2006
- Claims filed on 03/30/2006
- Abstracts filed on 03/30/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:**

Total additional fees required for this application is \$65 for a Small Entity:

- \$65 Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

PATRICIA A BOOKER

Telephone: (703) 308-9140 EXT 204

**PART 2 - OFFICE COPY**

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/573,933                  | PCT/US03/31392                | 612840006        |